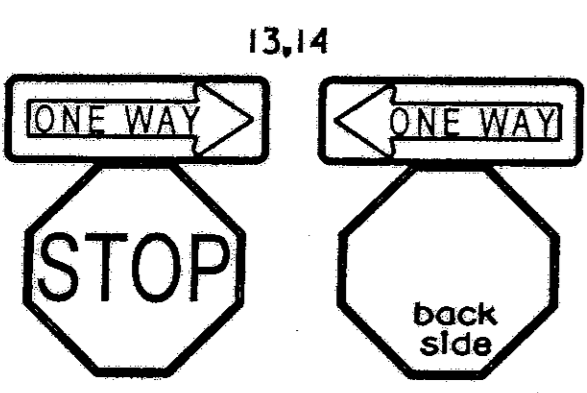
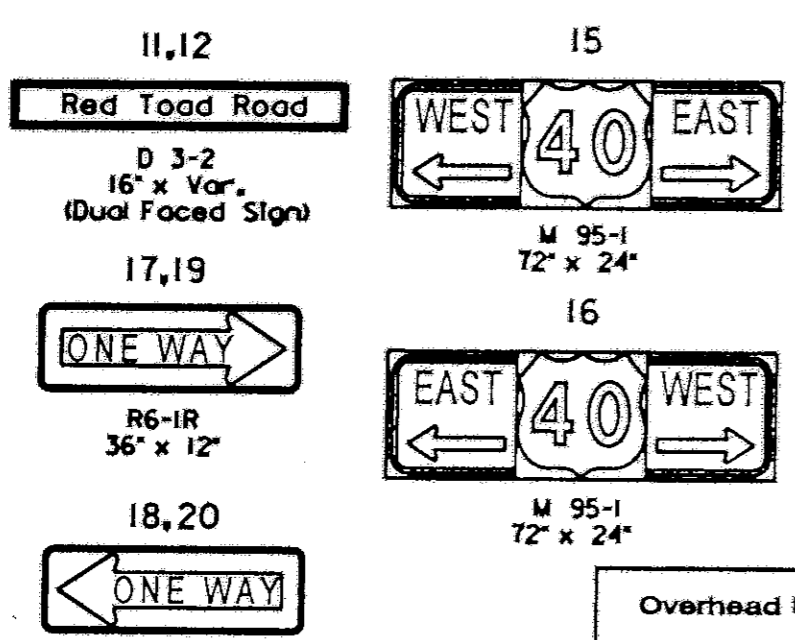


EXISTING SIGNS



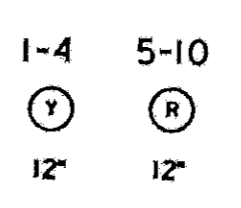
PROPOSED SIGNS



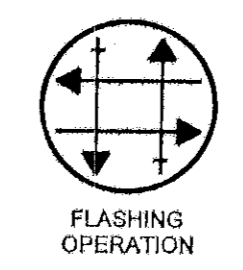
Overhead Utilities
HV Electric Line = 39 ft.
Neutral Line = 31 ft.
Cable TV = 26 ft.

Overhead Utilities
Cable TV = 28 ft.
Bell Atlantic Line = 27, 26, & 25 ft.

SIGNALS



NEMA PHASING



CONSTRUCTION DETAILS

- A. Install 27 ft. steel twin mast arm pole with 40 ft. (cut from a 50 ft.) and 50 ft. mast arms, vehicle signal heads, sign, 15 ft. luminaire arm, 250 watt HPS luminaire, NEMA 5 pole mounted cabinet and all equipment for a MD-SHA (Type P-12) service (Note: one 4 in. PVC conduit bend).
- B. Install 27 ft. steel twin mast arm pole with 40 ft. (cut from a 50 ft.) and 50 ft. mast arms, vehicle signal heads, sign, 15 ft. luminaire arm (Note: Luminaire arm shall be angled to avoid overhead utilities), and 250 watt HPS luminaire (Note: one 3 in. PVC conduit bend).
- C. Install handhole.
- D. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- E. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
- F. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
- G. Install traffic barrier W-beam.
- H. Construct retaining wall for proposed signal equipment. Retaining wall to be constructed utilizing 4 in. x 6 in. pressure treated lumber with dead men.
- J. Remove existing sign.
- K. Proposed overhead electrical service by Conowingo Power.
- L. Straighten existing sign.
- M. Install Type A end treatment spec. 605.10
- N. Install Type I trail end section spec. 605.01
- P. Install ground mounted signs as shown.

NOTE:
The Roads Division of the Cecil County Department of Public Works should be notified at least 48 hours prior to initiation of construction. Mr. Dan Webber can be reached at (410) 996-6270.

NOTES

- 1. Geometrics shall be confirmed prior to the installation of signal equipment. All signal equipment is to be installed at final grade.
- 2. Loop detectors and conduits shall be installed prior to the installation of pavement markings.
- 3. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with S.H.A. standards. All other pavement markings are existing.
- 4. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.

GEOMETRIC LEGEND --- EXISTING GEOMETRICS --- PROPOSED GEOMETRICS	REVISIONS	APPROVALS ASST. TRAFFIC ENGINEERING DESIGN DIVISION ASST. DISTRICT ENGINEER - TRAFFIC CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION DIRECTOR, OFFICE OF TRAFFIC & SAFETY	MDOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION (Traffic Signal Plan) US 40 at Red Toad Road DATE: August 6, 1999 DRAWN BY: C.P./J.S. CHK. BY: [Signature] SCALE: 1" = 20'-0"
UTILITY LEGEND --- GAS MAIN --- WATER MAIN --- SEWER MAIN --- ELECTRIC CABLES --- STORM DRAIN --- AERIAL CABLES --- TELEPHONE CABLES			
			PLAN SHEET NO. 3920 SHEET NO. 1 of 2

The Traffic Group, Inc.
Suite 600
40 W. Chesapeake Avenue
Towson, Maryland 21204
410-583-8405
1-800-583-8411
Fax 410-321-8468
Job No. 970727-033
SIGPLAN.DGN